## Subject Index to Volume 209 (January-June 1989)

A

Abdominal sepsis, after hepatic resection, 302 Acid secretion, and gastrin levels in ulcer patients, 411 ACTH levels, postoperative, hypertonic saline affecting, 684 Adhesion formation, factors affecting (Letters), 502 Aldosterone levels, postoperative, hypertonic saline affecting, 684 Amiloride, and gallstone formation, 152 Amino acid profiles, in sepsis and stress, 57 Amylase levels, and hyperamylasemia after cardiac surgery, 279 Androgen receptor in hepatocellular carcinoma, 424 Aneurysm repair, abdominal, aortic and postoperative pulmonary edema, 231 and prostacyclin role in mesenteric traction syndrome, 363 ventricular performance in, 356 Angiotensin levels, postoperative, hypertonic saline affecting, 684 Animal studies amiloride affecting gallstone formation, 152 gastric mucosal protection against stress injury, 289 ibuprofen affecting responses to tumor necrosis factor, 312 interleukin-2 affecting pulmonary microvasculature, 119 limb ischemia-induced lung injury, 462 low-protein diets in peritonitis, 448 metabolic responses to tumor necrosis factor, 19 modulation of postischemic hepatic function, 200 nutrition in peritonitis, 334 prostacyclin role in portal hypertension, 322 T-cell depletion affecting wound healing, 479 T-cell dysfunction after injury, 112 vasodilating prostaglandins affecting ischemic renal injury, 219 Anorexia from infusions of tumor necrosis factor, 19 Antibiotic prophylaxis, in acute nonperforated appendicitis, 307 Aorta, abdominal, aneurysm repair in and postoperative pulmonary edema, 231 and prostacyclin role in mesenteric traction syndrome, 363 ventricular performance in, 356 Appendicitis, acute nonperforated, antibiotic prophylaxis in, 307 Arrhythmias malignant, automatic implantable cardioverter defibrillator in, 635 surgery for nonischemic ventricular tachycardia, 716 Atrial natriuretic factor levels, postoperative, hypertonic saline affecting, 684

В

Biliary tract
acute cholangitis, risk factors in, 435
amiloride affecting gallstone formation, 152
bacteria role in stone formation, 584
catheter-related tumor seeding, 708
deaths from gallstones, 149
extracorporeal shock-wave lithotripsy, 743
liver transplantation in hepatobiliary malignancy, 88
obstruction in unresectable carcinoma of pancreas, 284
preoperative ERCP and stone removal, 267
preoperative risk factors in choledocholithiasis, 157
reoperation for congenital choledochal cyst (*Letters*), 503
Blast injury, primary, after bomb explosion in bus, 484
Blood conservation in cardiac surgery, 736

Blood volume, preoperative saline infusions affecting, 651
Body composition, and mortality prediction, 81
Bombings by terrorists
experience in Paris, 368
and primary blast injury, 484
Book reviews, 129, 374, 648
Breast
follow-up of biopsy-proved benign disease (*Letters*), 501
nonpalpable carcinoma of, prognosis of, 249
Bronchioloalveolar carcinoma of lung, 779
Brooke ileostomy results, compared to ileoanal anastomosis, 620
Burns
conservative vs. early excision in, 547
and pentastarch in fluid resuscitation, 341
tracheostomies in, 471

C

Calcium, biliary, and pathogenesis of cholesterol gallstones, 152 Calculi, biliary. See Biliary tract Carcinoma. See Tumors Cardiopulmonary bypass, hyperamylasemia after, 279 Cardiovascular injuries, analysis of, 698 Carotid artery stenosis, recurrent, 662 Catheters biliary, tumor seeding from, 708 central venous, vascular erosions from, 475 Cerebrovascular disease, and CHAT classification of stroke, 242 CHAT classification of stroke, 242 Chemotherapy, with intra-arterial cisplatin in melanoma, 73 Cholangiopancreatography, endoscopic-retrograde of pancreatic function after massive necrosis, 31 in pancreatic pseudocyst, 532 and preoperative stone removal, 267 Cholangitis, acute, risk factors in, 435 Choledochal cyst, congenital, reoperation for (Letters), 503 Choledocholithiasis bacterial role in, 584 extracorporeal shock-wave lithotripsy in, 743 preoperative risk factors in, 157 Cholelithiasis amiloride affecting formation of, 152 bacterial role in, 584 deaths from, 149 Cholesterol gallstones, amiloride affecting formation of, 152 Cirrhosis, and limited hepatic resection for carcinoma, 297 Cisplatin, intra-arterial, in melanoma, 73 Claudication, intermittent, evaluation of treatments in, 346 primary repair of wounds, 728 in penetrating trauma, 439 surgery without nasogastric decompression, 670

hepatic resection of metastasis from, 428 tumor DNA content in, 188
Computed tomography, in differentiation of pancreatic pseudocyst and necrosis, 562
Cortisol levels, postoperative, hypertonic saline affecting, 684
Creatinine levels, postoperative changes in, 328
Crohn's disease, carcinoma associated with, 764

Cyst, congenital choledochal, reoperation for (Letters), 503

Colorectal carcinoma

#### D

Defibrillator, automatic implantable cardioverter, 635 Diaphragmatic hernia, congenital, extracorporeal membrane oxygenation in, 225 DNA tumor content in colorectal carcinoma, 188

Duodenum

microgastrinomas of, 396 preservation in resection of pancreatic head, 273 ulcers of. See Ulcers, peptic

villous tumors of, 593 Duplications, gastrointestinal, surgery in, 167

Edema, pulmonary, noncardiogenic, after surgery, 231 Endoscopic retrograde cholangiopancreatography (ERCP) in pancreatic pseudocyst, 532 of pancreatic function after massive necrosis, 31

and preoperative stone removal, 267

Endoscopy, in placement of pancreatic stents and drains, 261 Esophagojejunostomy, and problems with EEA stapling, 99 Esophagus

atresia with tracheosophageal fistula, repair of, 526 perforation of, pleural wrap in, 612

Exercise, and physical training in intermittent claudication, 346

#### F

Fat metabolism in trauma patients, 63 Fistula parotid, in trauma, 105 tracheoesophageal, with esophageal atresia, repair of, 526 Funnel chest, evolving management of, 578

#### G

Gallstones

amiloride affecting formation of, 152 bacterial role in, 584

deaths from, 149

Gastrectomy resection procedures, in adenocarcinoma of gastric antrum, 162

Gastrin levels, and duodenal pH in ulcer patients, 411

Gastrinomas of duodenum, 396

Gastrointestinal tract

Brooke ileostomy compared to ileoanal anastomosis, 620 colon and rectal surgery without nasogastric decompression, 670

colorectal carcinoma

hepatic resection of metastasis from, 428 tumor DNA content in, 188

Crohn's disease-associated carcinoma, 764

duplications in, surgical management of, 167

gastrectomy procedures in adenocarcinoma of gastric antrum, 162

hemorrhage management in lower tract, 175

management of rectal injuries, 600 pleural wrap for esophageal perforation, 612

preoperative irradiation in rectal cancer, 194

primary repair of colon wounds, 728 in penetrating trauma, 439

problems with EEA staple anastomosis, 88

repair of esophageal atresia with tracheoesophageal fistula, 526

small intestine obstruction after ileoanal anastomosis, 46 ulcers in. See Ulcers, peptic villous tumors of duodenum, 593

Glucose metabolism in trauma patients, 63 Glutamine, in total parenteral nutrition, 455

Glutathione, and gastric mucosal protection against stress injury,

Grillo pleural wrap, in esophageal perforation, 612

#### H

Head and neck carcinoma, squamous cell, prognosis of, 237 Heart

automatic implantable cardioverter defibrillator, 635 blood conservation in cardiac surgery, 736

bypass surgery followed by hyperamylasemia, 279

penetrating trauma of, 676

pyruvate affecting ventricular function, 629

surgery for nonischemic ventricular tachycardia, 716 ventricular performance in abdominal aortic aneurysm repair,

Hemorrhage in lower gastrointestinal tract, management of, 175 Hernia, congenital diaphragmatic, management with extracorporeal membrane oxygenation, 225

Hormonal responses after surgery, hypertonic saline affecting, 684

Hypertension, portal

and management of schistosomal and nonschistosomal variceal bleeders, 489

prostacyclin role in, 322

surgical options, in, 381

Ibuprofen

and postischemic hepatic function, 200 and responses to tumor necrosis factor, 312

Ileoanal anastomosis

results compared to Brooke ileostomy, 620 small intestinal obstruction from, 46

Immunology

and T-cell dysfunction after injury, 112 and wound healing in T-cell depletion, 479

Infection

and amino acid profiles in sepsis, 57

and antibiotic prophylaxis in acute nonperforated appendicitis,

and bacterial role in gallstone formation, 584 intra-abdominal sepsis after hepatic resection, 302 prediction with trauma assessment scores, 541

Interleukin-2, affecting pulmonary microvasculature, 119

and liver resction with vascular occlusion, 211

lower torso, and lung injury after reperfusion, 462 and modulation of hepatic function, 200

and pulmonary edema after postoperative reperfusion, 231 and renal injury affected by vasodilating prostaglandins, 219

### K

Kidney

ischemic injury affected by vasodilating prostaglandins, 219 postoperative creatinine clearances, 328

#### T

Letters to the editor, 501 Leukotrienes, and limb ischemia-induced lung injury, 462 Lithiasis, biliary. See Biliary tract

Lithotripsy, extracorporeal shock-wave, in bile duct calculi, 743

#### Liver

carcinoma of

androgen receptor in, 424

and limited resection in cirrhosis, 297

intraoperative ultrasonography of, 569

modulation of postischemic function, 200

resection followed by intra-abdominal sepsis, 302

resection of metastasis from colorectal carcinoma, 428

resection with vascular occlusion, 211

transplantation of

in hepatobiliary malignancy, 88 physiologic responses to, 513

after portasystemic shunt, 51

#### Lung

bronchioloalveolar carcinoma, 779

extracorporeal membrane oxygenation in congenital diaphragmatic hernia, 225

injury after reperfusion in limb ischemia, 462

microvascular effects of interleukin-2, 119

noncardiogenic edema after surgery, 231

#### Lymphocytes

depletion of T cells affecting wound healing, 479

T-cell dysfunction after injury, 112

Lymphoma of pancreas, 25

#### M

Melanoma, intra-arterial cisplatin in, 73

Mesenteric traction syndrome, prostacyclin role in, 363

#### Metabolisn

and effects of glutamine in total parenteral nutrition, 455 in sepsis and stress, and amino acid profiles, 57

in trauma patients, 63

tumor necrosis factor affecting, 19

### Mortality

and body composition analysis, 81

incidence of deaths from gallstones, 149

in perforated peptic ulcers, 418

and trauma assessment scores, 541

#### N

Necrosis of pancreas

differentiation from pseudocyst by CT use, 562

massive, and pancreatography after recovery, 31

#### Nutrition

and mortality prediction by body composition analysis, 81

peritonitis

and effects of overfeeding, 334

low protein diets in, 448

total parenteral

glutamine in, 455

and metabolism in trauma, 63

#### 0

Obesity, physiologic control of, 255

#### Obstruction

biliary, in unresectable carcinoma of pancreas, 284 of small intestine, after ileoanal anastomosis, 46

Oxygenation, extracorporeal membrane, in congenital diaphragmatic hernia, 225

#### P

#### **Pancreas**

carcinoma of

ductal cell, total pancreatectomy in, 405

at head, 181

unresectable, and biliary obstruction management, 284

lymphoma of, 25

necrosis of

differentiation from pseudocyst, by CT, 562

massive, and pancreatography after recovery, 31

pseudocyst of

differentiation from necrosis, by CT, 562

and preoperative ERCP, 532

resection of head, duodenum-preserving, 273

#### **Pancreatitis**

and endoscopy placement of stents and drains, 261

and hyperamylasemia after cardiac surgery, 279

Parotid fistulae and sialoceles, in trauma, 105

Pectus excavatum, evolving management of, 578

Pentastarch, in fluid resuscitation in burns, 341

Peptic ulcer. See Ulcers, peptic Peritonitis

low protein diets in, 448

nutrition in, and effects of overfeeding, 344

Pharynx reconstruction, after cancer resection, 554

Pheochromocytoma, operative approaches in, 774

Pleural wrap, for esophageal perforation, 612

Portal hypertension

and management of schistosomal and nonschistosomal var-

iceal bleeders, 489 prostacyclin role in, 322

surgical options in, 381

Portasystemic shunt, in liver transplant candidates, 51

Potassium ratio to sodium, and mortality prediction, 81 Presidential address, at Southern Surgical Association, 505

Prostacyclin

and mesenteric traction syndrome, 363

and portal hypertension, 322

Prostaglandins

and gastric mucosal protection against stress injury, 289

vasodilating, and ischemic renal injury, 219

Protein

low-protein diet in peritonitis, 448

metabolism in trauma patients, 63

Pseudocyst, pancreatic

differentiation from necrosis by CT use, 562

and preoperative ERCP, 532

Public good, and quality surgery (Presidential address), 505

Pulmonary artery banding, retrospective review of, 642

Pyruvate, affecting ventricular function, 629

#### R

Radiotherapy, preoperative, in rectal cancer, 194

Rectum

carcinoma of

preoperative irradiation in, 194

sphincter-saving procedures in, 1

tumor DNA content in, 188

management of injuries, 600

surgery without nasogastric decompression, 670

Roux-Y biliary diversion, gastric atony after, 756

S

Saline

hypertonic, and hormonal responses after surgery, 684 preoperative infusions affecting blood volume, 651 Schistosomal variceal bleeding, management of, 489

Sepsis. See Infection

Sialocele, parotid, in trauma, 105

Sodium ratio to potassium, and mortality prediction, 81 Splanchnic hyperemia, prostacyclin role in, and portal hypertension, 322

Squamous cell carcinoma of head and neck, prognosis in, 237 SRI 63-441, and postischemic hepatic function, 200

Stapling in esophagojejunostomy, and problems with EEA instrument, 99

Stomach

atony after Roux-Y biliary diversion, 756
gastrectomy procedures in adenocarcinoma of antrum, 162
mucosal protection against stress injury, 289
proximal gastric vagotomy in ulcer disease, 131
ulcers of. See Ulcers, peptic

Stress

amino acid profiles in, 57 and protection of gastric mucosa, 289 Stroke, CHAT classification of, 242 Superoxide dismutase and adhesion formation (*Letters*), 502

and postischemic hepatic function, 200

T

T cells

depletion affecting wound healing, 479 dysfunction after injury, 112 Tachycardia, ventricular nonischemic, surgery for, 716 Terrorism and bombing experience in Paris, 368

and primary blast injury after bomb explosion, 484 Tracheoesophageal fistula, esophageal atresia with, repair of, 526 Tracheostomies in burn patients, 471

Transfusions, and blood conservation in cardiac surgery, 736

Transplantation of liver in hepatobiliary malignancy, 88 physiologic responses to, 513 after portasystemic shunt, 51

Trauma

analysis of cardiovascular injuries, 698
assessment scores in, 541
cardiac, penetrating, 676
of colon, primary repair of, 728
in penetrating injuries, 439
metabolism studies in, 63
parotid fistulae and sialoceles in, 105
rectal, management of, 600
and T-cell dysfunction, 112
in terrorism
and bombing experience in Paris, 368

primary blast injury in, 484 and wound healing in T-cell depletion, 479

Tumor necrosis factor metabolic responses to chronic infusions of, 19 response's affected by ibuprofen, 312 **Tumors** 

androgen receptor in hepatocellular carcinoma, 424 biliary obstruction in unresectable carcinoma of pancreas, 284 bronchioloalveolar carcinoma of lung, 779 Crohn's disease-associated carcinoma, 764 DNA content in colorectal carcinoma, 188 ductal cell carcinoma of pancreas, 405 gastrectomy procedures in adenocarcinoma of gastric antrum, 162 hepatic resection of metastasis from colorectal carcinoma, 428

lintra-arterial cisplatin in melanoma, 73 limited hepatic resection in carcinoma with cirrhosis, 297 liver transplantation in hepatobiliary malignancy, 88 lymphoma of pancreas, 25 microgastrinomas of duodenum, 396 nonpalpable breast carcinoma, 249 operative approaches in pheochromocytoma, 774 pancreatic head carcinoma, 181 pharyngeal reconstruction after cancer resection, 554 preoperative irradiation in rectal carcinoma, 194

prognosis in squamous cell carcinoma of head and neck, 237

seeding from percutaneous biliary catheters, 708 sphincter-saving procedures in rectal carcinoma, 1

villous tumors of duodenum, 593

U

Ulcers, peptic duodenal plasma gastrin in, 411 vagotomy trial in, 40 perforated clinical characteristics of, 693 and factors in lethality, 418 gastric, 36 proximal gastric vagotomy in, 131 Ultrasonography of liver, intraoperative, 569

V

Vagotomy proximal gastric, current status of, 131 trial in duodenal ulcer, 40

Variceal bleeding, and portal hypertension. See Portal hypertension

Vasculature

analysis of cardiovascular injuries, 698
aneurysms of. See Aneurysm repair
in CHAT classification of stroke, 242
erosions from central venous catheter, 475
evaluation of treatments in intermittent claudication, 346
occlusions for liver resections, 211
pulmonary artery banding, 642
pulmonary microvascular effects of interleukin-2, 119
recurrent carotid artery stenosis, 662
vasodilating prostaglandins affecting ischemic renal injury, 219
Vasopressin levels, postoperative, hypertonic saline affecting, 684
Villous tumors of duodenum, 593

W

Wound healing, T-cell depletion affecting, 479

# Author Index (January-June 1989)

Α	* 1	Burch, J.	698	Ellis, L. M.	475
Abdou, M. S.	152	Burch, J. M.	600	Eriksen, C. A.	411
	152	Burchard, K. W.	684	Espehaug, B.	418
Abedin, M. Z.		Busuttil, R. W.	51	Esser, J.	105
Abramowitz, H. B.	484			Evans, D. A.	312
Abston, S.	547	C		Ezzat, F. A.	489
Abu-Elmagd, K. M.	489				
Adler, J.	484	Cameron, J. L.	25	F	
Aldrete, J. S.	428	Campbell, K.	322	r	
Alexander, J. W.	334, 448	Camus, Y.	211	Fabian, T. C.	728
Ali, R.	455	Carr-Locke, D. L.	157	Fagniez, P. L.	162
Allen, P.	231	Castaing, D.	435		489
Aly, M. A.	489	Chang, YC.	424	Fathy, O. M.	
Ambrose, S.	743	Chapman, W. C.	708	Feliciano, D. V.	600, 698
Amerson, J. R.	743	Chappuis, C. W.	593	Ferguson, T. B., Jr.	736
Anderson, K. D.	526	Charlson, M. E.	328	Fink, A.	743
		Cheadle, W. G.	541	Finkelstein, J.	471
В		Chela, P.	341	Finlayson, B.	743
-		Christiansen, J.	40	Fishman, L. M.	774
Bahgat, O. O.	489	Christie, M.	19	Flamant, Y.	162
Ball, T. J.	261	Christou, N. V.	81	Flanagan, T. L.	642
Barbul, A.	479		356	Fleshman, J. W.	194
Barrow, R. E.	547	Clements, F. M.	593	Flint, L. M.	629
Bartlett, R. H.	225	Cohn, I., Jr.		Francois, Y.	46
Basinger, M. A.	73	Coleman, J. J., III	554	Frasca, P.	584
Bauer, T.	307	Colombani, P. M.	578	Fry, R. D.	194
Beahrs, O. H.	620	Colonna, J. O.	51	Fuchs, G. J.	743
Beall, A. C., Jr.	698	Cook, D.	569	,	
Bear, H. D.	284	Copeland, E. M., III	73, 475, 743	6	
Beart, R. W., Jr.	46, 670	Coran, A. G.	225	G	
	88	Cotton, P. B.	743	Gadd, M. A.	112
Bechstein, W. O.	363	Coutinho, J.	435		307
Beck, G. J.	273	Cross, J. S.	684	Galatius, H.	424
Beger, H. G.		Cucchiaro, G.	149	Galizia, G.	
Bendix, J.	307	Cuschieri, A.	411	Galloway, J. R.	513
Benjamin, I. S.	302			Gann, D. S.	684
Berci, G.	743	D		Ganzel, B. L.	635
Bergamini, D.	541			Garcia-Sabrido, J. L.	81
Bernstein, E. F.	242	Dahllöf, AG.	346	Gardine, R. L.	188
Bessey, P. Q.	676	De Boer, H. H. M.	249	Garrison, R. N.	651
Bigelow, M. E.	237	Debakey, M. E.	698	Gelfand, D.	743
Bishop, H. C.	167	Deboisblanc, R.	36	George, S. M., Jr.	728
Bismuth, H.	435	Deligny, M. C.	368	Gheissari, A.	167
Bittner, R. R.	273	Delva, E.	211	Gigot, J. F.	435
Bland, K. I.	1, 73, 743	Depan, H. J.	612	Gillenwater, J. Y.	743
Blenkharn, J. I.	302	Dereme, T.	435	Gilliam, J.	743
Blumgart, L. H.	302	Deriaz, H.	211	Glezerson, G.	105
Boeckl, O.	267	Desai, M. H.	547	Gold, J. P.	328
Boutros, A. R.	363	Devine, R. M.	670	Gonce, S. J.	334, 448
Bradley, E.	428	Divincenti, F. C.	593	Gonzalez, F.	36
Brems, J. J.	51	Dodson, T. F.	513	Goodwin, C. W.	471
Brenner, D. E.	73	Donald, J. M., Jr.	676	Gordon, R.	743
Breslin, R. J.	479	Dozois, R. R.	46, 670	Gottlieb, A.	363
Brewer, W.	569	Dozois, R. K.	40, 070	Gouge, T. H.	612
Brissie, R. M.	676			Gouma, D. J.	57
Britt, L. G.	728	E		Gouzi, J. L.	162
Brooks, D. C.	405	Eberlein, T. J.	119	Graham, J. B.	743
Brooks, J. R.	405	Eckhauser, F. E.	396	Graigs, R.	743
Browse, N. L.	242	Edwards, W. H., Jr.	662	Gravenstein, N.	743
Buchanan, K. D.	411	Edwards, W. H., Sr.	662	Graversen, P.	307
Büchler, M.	273	Edwards, W. H., Sr.	302	Gray, L. A., Jr.	635
Bulkley, G. B.	322	Efron, G.	479	Gray, L. A., Jr. Grimes, J.	341
Bülkley, G. B. Bünger, R.	629				779
0 ,		El-Barbary, M. H.	489	Grover, F. L.	684
Bunzendahl, H.	88	El-Fiky, A. M.	489	Gruber, D. P.	064

C. 7 V	279		K I	Masaoka, A.	99
Gu, ZY. Gutgesell, H. P.	642			Mashhoor, N.	489
Outgesen, 11. 1.	042	Kalvaria, I.	743	Matsumata, T.	297
Н		Kanematsu, T.	297	Mattox, K. L.	600, 698
п		Kataoka, M.	99	Mavroudis, C.	635
Highn-Pedersen, J.	307	Katz, E.	484	Mazzaferro, V.	200
Haller, J. A., Jr.	578	Kaufman, H. S.	584	McCallum, R. W.	743
Hammarqvist, F.	455	Kaushik, R.	716	McCann, R. L.	356
Hanley, J. A.	81	Kawasaki, S.	513	McCullough, D. L.	743
Hannoun, L.	211	Kelly, K. A.	46	Mceachern, M. M.	676
Hansbrough, J. F.	112	Kern, J.	562	McGrath, P. C.	284
Harada, A.	181	Kimura, A. K.	73	McNeill, P. M.	284
Harpole, D. H.	356	King, C. E, Jr.	743	Melia, M.	363
Hauch, O.	40	Klausner, J. M.	119, 219, 231, 462	Mentzer, R. M., Jr.	629
Hawkins, I. F., Jr.	73, 743	Klein, A. S.	51	Meyers, W. C.	149
Hay, J. M.	162	Kobzik, L.	119, 219, 462	Michie, H. R.	19
Hayashi, S.	99	Kodner, I. J.	194	Miller, T. A.	289
Hayashi, T.	424	Kohno, H.	424	Millikan, W. J., Jr.	513
Hechtman, H. B. 1	19, 219, 231, 462	Kokal, W. A.	188	Millis, J. M.	51
Heinerman, P. M.	267	Koretz, M. J.	569	Miskell, P. W.	334, 448
Heiss, K.	225	Koshikawa, T.	181	Mitchell, M. C.	322
Henderson, J. M.	513	Kozarek, R. A.	261	Moody, F. G.	743
Hendriks, J. H. C. L.	. 249	Krausz, M. M.	484	Moore, P. B.	513
Herndon, D. N.	547	Kristensen, E. S.	307	Moran, J. M.	684
Hershman, M. J.	541	Kron, I. L.	642	Morel, N.	119
Hertzler, G. L.	513	Kudsk, K. A.	728	Morris, P. L.	188
Hiatt, J. R.	51	Kukora, J. S.	693	Mulherin, J. L., Jr.	662
Hirsch, M.	73	Kupersmith, J.	635	Muller, W. H., Jr.	642
Hocking, M. P.	743			Mullins, R. J.	651
Hodnett, R. M.	36		L	Munson, J. L.	743
Hoffmann, J.	40	Lossins E	162	Myers, R. T.	743
Holcomb, G. W., III	167	Lacaine, F.	162 629	Myerson, R.	194
Holland, R.	249	Lasley, R. D.	162		
Holm, A.	428	Launois, B.		N	
Holm, B.	307	Lawrence, W., Jr.	284, 569 716		
Holness, R.	341	Lawrie, G. M.	676	Nagasue, N.	424
Honda, H.	99	Laws, H. L. Lawson, H. H.	105	Nagura, H.	181
Honda, K.	99	Lee, W. C.	36	Nahrwold, D.	743
Hooks, M. A.	513	Leese, T.	435	Nakamura, T.	424
Horowitz, J.	693		175	Nakao, A.	181
Horsley, J. S., III		Leitman I M			
	284, 569	Leitman, I. M.		Nakashima, N.	181
Hotta, T.	284, 569 99	Levine, J. D.	405	Nakashima, N. Nance, F. C.	
Howard, J. M.	284, 569 99 31	Levine, J. D. Lewis, F.	405 439		181
Howard, J. M. Hoyt, D. B.	284, 569 99 31 112	Levine, J. D. Lewis, F. Lienhart, A.	405 439 211	Nance, F. C.	181 36, 764
Howard, J. M. Hoyt, D. B. Huguet, C.	284, 569 99 31 112 211	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D.	405 439 211 25, 584	Nance, F. C. Naughton, M. J.	36, 764 676
Howard, J. M. Hoyt, D. B.	284, 569 99 31 112	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U.	405 439 211 25, 584 743	Nance, F. C. Naughton, M. J. Nealon, W. H.	181 36, 764 676 532
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.	284, 569 99 31 112 211 162	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S.	405 439 211 25, 584 743 743	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P.	181 36, 764 676 532 284, 569 439 157
Howard, J. M. Hoyt, D. B. Huguet, C.	284, 569 99 31 112 211 162	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B.	405 439 211 25, 584 743 743 40	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N.	181 36, 764 676 532 284, 569 439
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.	284, 569 99 31 112 211 162	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F.	405 439 211 25, 584 743 743 40 346	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P.	181 36, 764 676 532 284, 569 439 157
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T.	284, 569 99 31 112 211 162	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K.	405 439 211 25, 584 743 743 40 346 346	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D.	181 36, 764 676 532 284, 569 439 157 526 743 670
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  Ichihara, T. Ildstad, S. T.	284, 569 99 31 112 211 162	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F.	405 439 211 25, 584 743 743 40 346	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C.	181 36, 764 676 532 284, 569 439 157 526 743 670 99
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  Ichihara, T. Ildstad, S. T. Ilstrup, D. M.	284, 569 99 31 112 211 162 181 237 46, 670	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K.	405 439 211 25, 584 743 743 40 346 346 307	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S.	181 36, 764 676 532 284, 569 439 157 526 743 670 99
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H.	284, 569 99 31 112 211 162 181 237 46, 670 774	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K.	405 439 211 25, 584 743 743 40 346 346	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  Ichihara, T. Ildstad, S. T. Ilstrup, D. M.	284, 569 99 31 112 211 162 181 237 46, 670	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K.	405 439 211 25, 584 743 743 40 346 346 307	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P.	181 36, 764 676 532 284, 569 439 157 526 743 670 99
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III	284, 569 99 31 112 211 162 181 237 46, 670 774 774	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.	405 439 211 25, 584 743 743 40 346 346 307	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H.	284, 569 99 31 112 211 162 181 237 46, 670 774 774	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.	405 439 211 25, 584 743 743 40 346 346 307 M	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III	284, 569 99 31 112 211 162 181 237 46, 670 774 774	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M.	405 439 211 25, 584 743 743 40 346 346 307 M	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III	284, 569 99 31 112 211 162 181 237 46, 670 774 774	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M. Magnuson, T. H.	405 439 211 25, 584 743 743 40 346 346 307 M	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III  Jacobs, D. O.	284, 569 99 31 112 211 162 181 237 46, 670 774 774	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M. Magnuson, T. H. Maher, J. W.	405 439 211 25, 584 743 743 40 346 346 307 M	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181 211
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III  Jacobs, D. O. Jennings, H.	284, 569 99 31 112 211 162 181 237 46, 670 774 774	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M. Magnuson, T. H. Maher, J. W. Mainwaring, R.	405 439 211 25, 584 743 743 40 346 346 307 M	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181 211
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III  Jacobs, D. O. Jennings, H. Jensen, HE.	284, 569 99 31 112 211 162 181 237 46, 670 774 774 312 513 40	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M. Magnuson, T. H. Maher, J. W. Mainwaring, R. Makowka, L.	405 439 211 25, 584 743 743 40 346 346 307 M	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.  O Oettinger, W. Ofek, B.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181 211
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III  Jacobs, D. O. Jennings, H. Jensen, HE. Johlin, F.	284, 569 99 31 112 211 162 181 237 46, 670 774 774 312 513 40 743	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M. Magnuson, T. H. Maher, J. W. Mainwaring, R. Makowka, L. Malmfred, S.	405 439 211 25, 584 743 743 40 346 346 307 M	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.  O Oettinger, W. Ofek, B. O'Hara, P.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181 211
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III  Jacobs, D. O. Jennings, H. Jensen, HE. Johlin, F. Jones, R. H.	284, 569 99 31 112 211 162 181 237 46, 670 774 774 312 513 40 743 356	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M. Magnuson, T. H. Maher, J. W. Mainwaring, R. Makowka, L. Malmfred, S. Mangiante, E. C.	405 439 211 25, 584 743 40 346 346 307 M . 328 471 584 743 562 200 307 728	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.  O Oettinger, W. Ofek, B. O'Hara, P. Oldham, K. T.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181 211
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III  Jacobs, D. O. Jennings, H. Jensen, HE. Johlin, F. Jones, R. H. Jones, R. J.	284, 569 99 31 112 211 162 181 237 46, 670 774 774 312 513 40 743 356 25	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M. Magnuson, T. H. Maher, J. W. Mainwaring, R. Makowka, L. Malmfred, S. Mangiante, E. C. Mannick, J. A.	405 439 211 25, 584 743 40 346 346 307 M . 328 471 584 743 562 200 307 728 231	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.  O Oettinger, W. Ofek, B. O'Hara, P. Oldham, K. T. Olesen, A.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181 211
Howard, J. M. Hoyt, D. B. Huguet, C. Huguier, M.  I Ichihara, T. Ildstad, S. T. Ilstrup, D. M. Irani, H. Irvin, G. I., III  Jacobs, D. O. Jennings, H. Jensen, HE. Johlin, F. Jones, R. H. Jones, R. J. Jones, R. S.	284, 569 99 31 112 211 162 181 237 46, 670 774 774 312 513 40 743 356 25 743	Levine, J. D. Lewis, F. Lienhart, A. Lillemoe, K. D. Lindenau, B. U. Loening, S. Loud, F. B. Lundgren, F. Lundholm, K. Lysen, D.  MacKenzie, C. R Madden, M. Magnuson, T. H. Maher, J. W. Mainwaring, R. Makowka, L. Malmfred, S. Mangiante, E. C. Mannick, J. A. Manning, P.	M  328 471 584 743 40 346 346 307  M  328 471 584 743 562 200 307 728 231 225 513	Nance, F. C. Naughton, M. J. Nealon, W. H. Neifeld, J. P. Nelken, N. Neoptolemos, J. P. Newman, K. D. Newman, R. C. Nivatvongs, S. Niwa, T. Nolan, S. P. Nonami, T. Nordlinger, B.  O Oettinger, W. Ofek, B. O'Hara, P. Oldham, K. T. Olesen, A. O'Neil, J. A., Jr.	181 36, 764 676 532 284, 569 439 157 526 743 670 99 642 181 211

Ove, P.	200	Sawyers, J. L.	708	Turner, M. A.	284
Ozkan, N.	112	Sax, H.	334	Tyson, G. S.	736
		Schechtman, K. B.	194		
P		Schenk, W. G, III	562	V	
Door D E	302	Scherer, L. R.	578	Volori C P	119, 219, 462
Pace, R. F. Pacifico, A.	716	Scherstén, T.	346	Valeri, C. R.	
	743	Schirmer, B. D.	131	van Berlo, C. L. H.	57 57
Panish, J.	255	Schmidt, K. L.	289	van der Linden, C. J.	
Pappas, T. N.		Shapiro, H.	743	Van Der Sluis, R. F.	249
Paquet, J. C.	162	Sharp, K. W.	708	van Eijk, H. M. H.	57
Parc, R.	211	Shaw, D. E.	157	van Heerden, J. A.	670
Parekh, D.	105	Shaw, J. H. F.	63	Van Wylen, D. G. L.	629
Parker, G. A.	284, 569	Sheibani, K.	188	Vennits, B.	307
	119, 219, 231, 462	Shemesh, E. I.	194	Vente, J. P.	57
Patterson, D. J.	261	Shepro, D.	119, 219, 231, 462	Victor, B. E.	289
Paull, D. E.	175	Sher, J. A.	774	Villadsen, J.	307
Peck, M. D.	334, 448	Sherman, M. L.	19	Vinik, A. I.	396
Pemberton, J. H.	46, 620, 670	Shires, G. T.	328	Vinnars, E.	455
Pennell, T. C.	743	Shires, G. T., III	175	Vlahakes, G. J.	279
Perlino, C. A.	513		81	Voeller, G. R.	728
Phillips, S. F.	620	Shizgal, H. M.		Vogel, S. B.	475, 743, 756
Piantadosi, S.	779	Shorter, N. A.	167	Volkmann, R.	346
Pichlmayr, R.	88	Singer, I.	635	Von Der Decken, A.	455
Pierson, K. K.	73	Singh, A. K.	684	von Meyenfeldt, M. F.	57
Pimpl, W.	267	Sitzmann, J. V.	322		
Pitt, H. A.	25, 584	Skjoldborg, H.	307	w	
Polk, H. C., Jr.	505, 541	Skrinska, V. A.	363		
	225	Sladen, R. N.	736	Wagner, S. M.	31
Polley, T. Z., Jr.	255	Slater, A. D.	635	Walsh, J.	569
Powers, M. A.		Smith, G. S.	289	Walz, B. J.	194
Prager, E.	188	Smith, S. L.	513	Warren, W. D.	513
Pugatch, R.	231	Sodhi, J.	629	Warshaw, A. L.	279
		Soeters, P. B.	57	Wasserkrug, H. L.	479
•	Q	Søreide, O.	418	Watters, C. R.	149
Quill, T.	356	Spainhour, V.	736	Waxman, K.	341
Quinones-Baldrich,	W. J. 51	Spencer, F. C.	612	Way, L. W.	743
		Spriggs, D. R.	19	Weaver, F.	708
I	3	Starzl, T. E.	200	Webb, T. H.	25
		Stavens, C. S.	635	Weinerth, J.	743
Ramming, K. P.	51	Stewart, M.	105	Weiss, R. J.	629
Randolph, J. G.	526	Stewart, M. T.	513	Wernerman, J.	455
Rattner, D. W.	279		152	Wesley, J. R.	225
Ready, R. R.	620	Strichartz, S. D.	297	Wilhelmsen, F.	307
Reed, R. L.	289	Sugimachi, K.	489	Willis, J.	629
Remensnyder, J. P.		Sultan, A. A.			19, 312
Revhaug, A.	312	Summers, R.	743	Wilmore, D. W.	541
Richards, M. E.	764	Svanes, C.	418	Wilson, M.	88
Richardson, J. D.	541	Svanes, K.	418	Wittekind, C.	249
Rickert, R. R.	764		T.	Wobbes, T.	743
Rignault, D. P.	368		T	Wolf, D.	63
Ring, E.	743	Takagi, H.	181	Wolfe, R. R.	
Ringe, B.	88	Takenaka, K.	297	Wolfe, W. G.	356, 736
Ritchie, W. P., Jr.	693	Tegtmeyer, C. J.	743	Wolff, B. G.	46, 670
Rodzen, C.	219	Tellado, J. M.	81	Woodward, E. R.	756
Ros, P. R.	743	Terblanche, J.	381	Woodyard, J. P.	479
Roscher, R.	273	Terz, J. J.	188		
Roslyn, J. J.	152			Y	
Rossi, R.	743	Thompson, D. A.		Yeatman, T. J.	1
Rossitch, J. C.	149	Thompson, J. C.	532	Yeung, L. K.	774
Rounds, J.	19	Thompson, N. W			297
Rudolf, L. E.	562	Tinnemans, J. G.		Yoshida, Y.	424
Rutan, R. L.	547	Tollerud, D. J.	237	Yukaya, H.	
Rutan, T. C.	547	Tominaga, G.	341	Yurt, R. W.	471
Rutan, 1. C.	541	Tompkins, R.	743	Z	
	S	Townsend, C. M.			*00
		Trager, J.	200	Zak, I. W.	188
Salvesen, H.	418	Traverso, L. W.	261	Zee-Cheng, C.	635
Savitt, M. A.	736	Turner, C. S.	578	Zinsmeister, A. R.	620